

PREDICTIVE RESOURCE ALLOCATION IN COMPUTING SYSTEMS

ABSTRACT OF THE DISCLOSURE

A system including a method employed by a dedicated processor for allocating resources to other processors with a multi-processor computing environment. The dedicated processor is dedicated only to providing resource allocation to the other processors. Specifically, a script file is provided to the dedicated processor, the script containing information related to the resources required by the other processors. The script file is parsed by the dedicated processor to determine the resources required by the second processor. Thereafter, the dedicated processor dynamically allocates the resources and synchronizes resource allocation at the time needed by the other processors.

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